

How to offer maximum security to your customers with strong authentication?



PSD2 is a European regulation which aims to promote **innovation** in the European financial sector by introducing new actors and their obligations while bringing more **security** to consumers.

62%

of consumers already feel more secure using fingerprint IDs over passwords



By 2020

biometrics will secure 65% of mobile commerce and net \$34.6 billion in annual revenue

\$600B

Cybercrime business



\$1,2M

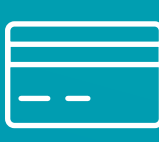
Average cost of data breach

Source: <https://www.bluefin.com/bluefin-news/rise-biometrics-consumer-applications-risks-rewards/>
Source: <https://gulfnnews.com/technology/global-cybercrime-costs-600b-annually-study-1.217766>

The purpose of the RTS (Regulatory Technical Standards) SCA (Strong Customer Authentication) is to define the implementation of particular security measures by imposing strong authentication in the following cases:



Access an online payment account



Make an electronic payment



Perform a remote action that may involve a risk of fraud

SCA REQUIRES AT LEAST 2 INDEPENDENT FACTORS AMONG THE 3 FOLLOWING FAMILIES:



What I have (possession)



What I know (knowledge)



What I am (biometrics)

+ UNIQUE AUTHENTICATION CODE IN THE CASE OF A REMOTE TRANSACTION

THE MEASURES TO BE UNDERTAKEN



MINIMIZE THE IMPACT FOR THE CLIENT

- Implement the 3DS protocol (ideally 2.x).
- Optimize fraud and manage exemptions.
- Implement a certified strong authentication solution in case of delegation.

OFFER A STRONG AUTHENTICATION SOLUTION FOR ALL CUSTOMERS AND MINIMIZE FRAUD

- Implement a universal strong authentication solution.
- Implement a risk analysis solution and rules engine to drive authentication.



FOR WHICH USE CASES?



Payments

- Remote with 3D Secure
- Wallets
- Proximity payment (HCE)
- Initiation of payment (PIS - PSD2)
- SEPA payment
- P2P
- Instant Payment



Sensible operations

- Online Banking transactions
- Access to account (AIS - PSD2)
- Login & access control
- Stock market



New use cases

- Digital Identity
- Electronic signature
- Connected objects
- Access to healthcare data
- Transportation
- Administration

THE STRENGTHS OF OUR SOLUTIONS FOR YOUR STRONG AUTHENTICATION

WL TRUSTED AUTHENTICATION



Multi- use case, multi-channel, multi-device, with a unique seamless user experience.



RTS PSD2 compliant and certified ISO27001, PCI-DSS.



Several integration modes to adapt to your digital strategy and planning obligations.



Solution used in several European banks.



Scalability to adapt to new technologies, regulations and security standards.



SaaS infrastructure.

WL AUTHENTICATION PROCESS MANAGEMENT



One common platform that is PCI DSS and PSD2 compliant, managing authentication workflows for all use cases.



Based on our expertise in authentication (ACS 3D Secure, WL Trusted Authentication).



Enables banks to manage the complexity of PSD2 RTS, in an easier and faster way, and helps them to be compliant in time.

For more information, please contact:

Claire Pipon, Product Manager WL Trusted Authentication
claire.pipon@equensworldline.com

Julien Gabillet, Product Manager Strong Authentication
julien.gabillet@equensworldline.com

Official sources:
https://www.europeanpaymentscouncil.eu/sites/default/files/infographic/2018-04/its-infographic_April%202018.pdf
https://www.europeanpaymentscouncil.eu/sites/default/files/infographic/2018-04/EPC_Infographic_PSD2_April%202018.pdf
<https://sysnetgs.com/2019/01/eu-payment-services-directive-2017-psd2-strong-customer-authentication/>

equensWorldline